

NRC FORM 114
(5-90)
NRCM 4108

U.S. NUCLEAR REGULATORY COMMISSION

CAREER OPPORTUNITY ANNOUNCEMENT

DO NOT REMOVE POSTING

AN EQUAL OPPORTUNITY EMPLOYER. CANDIDATES WILL BE CONSIDERED WITHOUT DISCRIMINATION FOR ANY NONMERIT REASON SUCH AS RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, POLITICAL AFFILIATION, MARITAL STATUS, PHYSICAL OR MENTAL HANDICAPS, AGE, OR MEMBERSHIP IN AN EMPLOYEE ORGANIZATION.

POSITION TITLE MECHANICAL ENGINEER		ANNOUNCEMENT NUMBER 0050030	DATES: OPENING 07/03/00	CLOSING (Close of business) O-U-F	EXPIRATION (For "Open Until Filled" vacancies remove posting on this date) 09/30/00
SERIES 0830	GRADE GG-9/11/12/13	KNOWN PROMOTION POTENTIAL TO 13	AREA OF CONSIDERATION <input checked="" type="checkbox"/> NATIONWIDE <input type="checkbox"/> WASHINGTON, DC COMMUTING AREA <input type="checkbox"/> REGION COMMUTING AREA <input type="checkbox"/> OTHER		TYPE OF POSITION <input checked="" type="checkbox"/> BARGAINING UNIT <input checked="" type="checkbox"/> FULL-TIME <input checked="" type="checkbox"/> PERMANENT APPOINTMENT <input checked="" type="checkbox"/> INCUMBENT IS SUBJECT TO RANDOM DRUG TESTING <input type="checkbox"/> NONBARGAINING UNIT <input type="checkbox"/> PART-TIME <input type="checkbox"/> TEMPORARY APPOINTMENT <input type="checkbox"/> NOT TO EXCEED
ORGANIZATION LOCATION NRR, Division of Engineering Mechanical Engineering Branch Component and Containment Reliability Sec.		NAME OF IMMEDIATE SUPERVISOR David Terao			
DUTY LOCATION Rockville, MD		TRAVEL REQUIREMENTS Occasional			

APPLICATION INSTRUCTIONS: COMPLETE AND SUBMIT THE FOLLOWING TO THE ADDRESS SPECIFIED AT THE BOTTOM OF THIS PAGE. (Use the Vacancy Announcement Number in all correspondence.)

1. AN UPDATED SFDP, PERSONAL QUALIFICATIONS STATEMENT OR APPLICATION FOR GOVERNMENT EMPLOYMENT OR RESUME
2. AN NRC FORM 114, VACANCY APPLICATION STATUS NOTICE (NRC applicants only)
3. A COPY OF YOUR CURRENT PERFORMANCE APPRAISAL OR A SIGNED STATEMENT THAT IT IS NOT AVAILABLE.
4. NRC APPLICANTS(ONLY); FOUR COPIES OF APPLICATION MATERIALS REQUESTED.
5. THE NRC IS A ZERO-TOLERANCE AGENCY WITH RESPECT TO ILLEGAL DRUG USE.
6. OTHER (Specify):

NOTICE: APPLICATIONS MAY BE REFERRED TO THE RATING ENTITY A MINIMUM OF SIXTEEN (16) CALENDAR DAYS AFTER OPENING DATE

NONBARGAINING UNIT POSITIONS ONLY. CANDIDATES WHOSE PRESENT PROMOTION POTENTIAL DOES NOT EXCEED THE POTENTIAL OF THIS VACANCY MAY NOT BE SUBJECT TO RATING PROCEDURES AND MAY BE REFERRED DIRECTLY TO THE SELECTING OFFICIAL.

DUTIES OF POSITION (if this position is announced at multiple grade levels, these duties describe the full performance level; at lower grade levels the duties may vary slightly and will be performed under somewhat closer supervision.)

The incumbent will be responsible for the review and evaluation of the mechanical and structural related engineering aspects of components and structures needed for safe operation and safe shutdown of nuclear facilities subject to the NRC regulatory program. Significant duties include evaluation of component operability issues, inservice inspection, and/or testing issues, license renewal, and evaluations of other mechanical, structural issues within the Branch's area of responsibility.

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QUALIFICATIONS REQUIRED (if the position is announced at multiple grade levels, these qualifications describe the full performance level, unless otherwise specified. The position description, immediate supervisor, and/or NRC Manual chapter and Appendix 4108 can be consulted for more detailed qualification requirements and/or interpretation of qualifying experience.)

CANDIDATES MEET THE BASIC QUALIFICATIONS REQUIRED BY:

1. Having at least one year of specialized experience at the next lower grade level, or equivalent, in the occupational series listed above or in another series performing like or similar duties; AND
2. Possessing knowledge of the theories, principles and practices in a

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RATING FACTORS (Applicants are strongly encouraged to submit a statement addressing the Rating listed below.)

- * APPLICANTS MUST ADDRESS THE RATING FACTORS LISTED BELOW.
- * EXPECTATIONS OF APPLICANTS' ABILITIES BELOW GRADE 13 WILL BE ADJUSTED ACCORDINGLY.

1. Demonstrated knowledge of nuclear reactor concepts, systems, structures, components, and fundamental characteristics of nuclear power plants. (Describe your specific experience, education, and training

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FOR ADDITIONAL INFORMATION CONTACT Alison Hoffman				Email: AXH		Mail Stop: O-3E17A		TELEPHONE 301	AREA CODE 415-3830	NUMBER 415-3830
SEND APPLICATION MATERIALS TO:										
<input checked="" type="checkbox"/> Human Resources Director & Operations Office of Human Resources	Region I Personnel Officer		Region II Personnel Officer		Region III Personnel Officer		Region IV Personnel Officer			
U.S. Nuclear Regulatory Commission Washington, D.C. 20555	U.S. Nuclear Regulatory Commission 475 Alleendale Road King of Prussia, PA 19406		U.S. Nuclear Regulatory Commission 61 Forsyth Street, SW (23185) Atlanta, GA 30303		U.S. Nuclear Regulatory Commission 801 Warrenville Road Lisle, IL 60532		U.S. Nuclear Regulatory Commission 611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011			

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DUTIES OF POSITION - CONTINUED

EXTERNAL SELECTEES WILL BE SUBJECT TO PREAPPOINTMENT DRUG TESTING PRIOR TO ENTRANCE-ON-DUTY.

QUALIFICATIONS REQUIRED - CONTINUED

field of engineering or related technical discipline as evidenced by a Bachelor's degree or equivalent combination of education, training and experience.

Education may be substituted for the required specialized experience at grades 9 and 11 as follows: GG-9: 2 full years of progressively higher level graduate education or Master's or equivalent degree; GG-11: 3 full years of progressively higher level graduate education or Ph.D. or equivalent degree.

Reasonable accommodations will be made for qualified applicants or employees with disabilities, except when doing so would pose an undue hardship on the employing agency.

RATING FACTORS - CONTINUED

which demonstrate your knowledge of systems, structures, and components. Describe your knowledge involving theory and practice as applied to nuclear power plants in at least one of the following areas: nuclear reactor concepts; plant systems; mechanical components; structural design; and fundamental characteristics of power plants. Training and experience may be gained through industry, NRC, civilian, or military nuclear programs.)

2. Demonstrated experience in inservice inspection (ISI) or inservice testing (IST) techniques. (Describe your experience, education and training in evaluating ISI or IST programs and activities. Provide examples of ISIs or ISTs you have completed and what ISI or IST techniques you have knowledge of. Provide examples of evaluations and activities you have completed involving conformance to regulation and to the ASME Code.)

3. Demonstrated experience in designing, evaluating and/or inspecting the performance of mechanical equipment, components, structures, and piping systems in operating nuclear power plants. (Describe your experience, education, and training related to the analysis, inspection and evaluation of the performance of mechanical equipment, components, structures, and piping systems in nuclear power plants. Provide examples

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RATING FACTORS - CONTINUED

of analyses, evaluations and/or inspections you have conducted including the difficulty of the issue and the systems, structures, or components analyzed, evaluated, or inspected. Describe specific occasions when you completed work evaluating and trending performance issues in power plant applications.)

4. Demonstrated knowledge of NRC regulations, regulatory guides, and industry codes and standards applicable to mechanical and/or structural engineering, inservice inspection, and component testing. (Describe your work experience and training which demonstrates your knowledge of the above. Training and experience may be gained through industry, NRC, civilian, or military nuclear programs. Describe education, training, and work experience which demonstrates your knowledge, understanding, and application of the standards listed above.)

5. Demonstrated ability to present technical material effectively, both orally and in writing. (Describe the kinds of oral presentations you have made, to what audience(s) and for what purpose. Describe the type of technical writing you routinely generate. Describe specific situations that require you to present technical information orally. Provide examples of presentations, discussions, written reports or documents you produce on technical subjects. Provide evidence which indicates your skill in oral and written communications. Describe how and to whom you communicated this information.)

PLEASE NOTE: Veterans who are preference eligibles or who have been separated from the armed forces under honorable conditions after three or more years of continuous active duty service may apply. Veterans must submit a DD-214 or other acceptable evidence as proof of veteran status.

PLEASE ALSO NOTE: Current/reinstatement Federal employees with status (Tenure Group 1 or 2) will be considered through merit promotion procedures under this announcement and must submit a copy of SF-50 (Notification of Personnel Action) to verify competitive status or reinstatement eligibility. NRC EMPLOYEES DO NOT HAVE TO SUBMIT AN SF-50. Status applicants who wish to be considered under both merit promotion and competitive status must submit two (2) complete application packages. When only one (1) application package is received, it will be considered under the merit promotion announcement only.

NOTE: BREADTH, DEPTH, RECENCY AND LENGTH OF EXPERIENCE IN THE FIELD; TRAINING, AWARDS AND COMMENDATIONS; PAST AND CURRENT PERFORMANCE; AND COMMUNITY OR OUTSIDE PROFESSIONAL ACTIVITIES WILL BE REVIEWED AS THEY RELATE TO EACH OF THE ABOVE FACTORS TO DETERMINE THE LEVEL OF KNOWLEDGE, SKILL, OR ABILITY OF CANDIDATES.

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RATING FACTORS - CONTINUED

EXECUTIVE AGENCIES ARE PROHIBITED FROM ACCEPTING OR CONSIDERING APPLICANTS FOR COMPETITIVE APPOINTMENTS OR POSITIONS BASED ON POLITICAL RECOMMENDATIONS FROM MEMBERS OF CONGRESS, CONGRESSIONAL EMPLOYEES, ELECTED STATE OR LOCAL GOVERNMENT OFFICIALS, AND POLITICAL PARTY OFFICIALS. SUCH OFFICIALS MAY ONLY SUPPLY STATEMENTS REGARDING THE CHARACTER AND RESIDENCE OF THE APPLICANT.